## Multimedia Appendix 1

Figure 1. Neutral Motivation Group Card

### Psycho-Babble

#### [URL]

Online support/coping group for people feeling blue, stressed, depressed, down, low, or sad

Figure 2. Internal Motivation Group Brochure

## Psycho-Babble [URL]

A website to help individuals with depression recover.

### What is Psycho-Babble?

Psycho-Babble is an online community for people feeling blue, depressed, stressed, down, low, or sad and want to get ideas and information from other people with similar experiences. It is anonymous and interactive; discussion is led by Psycho-Babble users. The site is moderated by a professional in the field of mental health for civility. The site is not monitored for accuracy of information.

Psycho-Babble has already helped hundreds of people find information and support about depression online. Psycho-Babble was created by Dr. Bob Hsiung who is a professor at the University of Chicago. Psycho-Babble includes depression information and support. You can post questions or comments to other users on Psycho-Babble's dozens of message boards or ask Dr. Bob questions. The website includes sections for discussion on medication, therapy, alternative treatments, diet and nutrition, and even politics. You can come to learn, help others, or to just be social. The Psycho-Babble Internet site is not affiliated with the University of Chicago. Johns Hopkins University and the University of Chicago have received a grant from the National Institutes of Health to study methods of referring primary care patients to Internet based social support sites.

If you have any questions about this study, feel free to email Dr. Benjamin Van Voorhees at the University of Chicago. He is the principal investigator of this study. His email address is: [email address]

The discussion at Psycho-Babble is led by Psycho-Babble users, so you can talk about nearly anything. Here are some of the features offered on the Psycho-Babble website:

- Interactive message board moderated by a physician to discuss treatments, medications and therapy with other Psycho-Babble users
- Information on books, website and other resources for learning about psychotherapy and biological treatments

• Social support network for discussing a wide range of issues like faith, health and wellness, grief and mourning and alternative treatments.

#### Read what some users have said about the site

"This board helps me feel not alone, which is so important to me. If that is the only purpose it serves, well, that sometimes is more helpful to me than a lot of the meds."

"The board helps a lot in that I can feel a little connected to people who are also suffering, people who don't know me, won't judge me, and who have some darn good advice. After my long battles with mental illness and all the meds I've been on, I feel that I have something of value to offer, and it makes me feel good to pass it on."

# Check out Psycho-Babble today! It's easy, it's fast, and you may just get an answer to that one difficult question or make a few friends.

Your personal username and password are: [username, password]

Once you log on you will be directed to create your own password

**Figure 3.** External Motivation Group Letter

RE: Internet Depression Support Group Study

Dear [participant name],

I am writing you to thank you for participating in the study "Feasibility Study of Methods of Referral Primary Care Patients with Depression for Internet-Based Social Support".

I want to encourage you to visit the Psycho-Babble Internet site. I believe you may find the experience of visiting the internet site helpful for you. This Internet site has been designed to be an online support group for people feeling blue, depressed, stressed, down, low, or sad. We hope that you will find information that will help you determine if and what form of treatment you need. Similarly, we hope you find the stories and comments of others who have had similar problems to be encouraging and helpful. Additionally, your comments may be helpful to others.

Please feel free to talk to me or the study staff or the study principal investigator, Dr. Benjamin W. Van Voorhees if you have any questions. The internet site address is: [URL].

Sincerely,

[doctor name], MD

**Table 1.** Randomization Groups and Participation

|   |                  | Neutral- Card | (A)                                     | I  | nternal -Brochu       | re (B)   |         |         |
|---|------------------|---------------|---|----|-----------------------|----------|---------|---------|
|   |                  | Mean/         | SD                                      |    | Mean/                 | SD       | 2-group | 3-group |
|   | N                | (Percent)     | (N)                                     | N  | (Percent)             | (N)      | p-value | p-value |
| Sessions  |                  |               |   |    |                       |          |         |         |
| Number of sessions                                | 1<br>8<br>1      | 1.33          | 2.11                                    | 19 | 2.95                  | 5.92     | .26     | .33     |
| Percent of those with at least one session        | 8                | 0.04          | 0.07                                    | 19 | 0.10                  | 0.19     | .26     | .33     |
| Time  |                  |               |   |    |                       |          |         |         |
| Total Time  | 1<br>8           | 115.44        | 333.36                                  | 19 | 74.68                 | 228.13   | .25     | .17     |
| Minutes logged (Portal)                           | 8                | 106.22        | 324.07                                  | 19 | 56.21                 | 175.66   | .26     | .24     |
| Minutes logged (ISG)                              | 8                | 9.27          | 26.59                                   | 19 | 18.47                 | 53.24    | .92     | .20     |
| Minutes per each participant                      | 1<br>8           | 0.05          | 0.07                                    | 19 | 0.07                  | 0.07     | .25     | .17     |
| Time & Sessions                                   |                  |               |   |    |                       |          |         |         |
| Minutes per session                               | 1<br>8           | 20.86         | 61.83                                   | 18 | 7.61                  | 11.82    | .40     | .31     |
| Viewing   |                  |               |   |    |                       |          |         |         |
| Post viewed                                       | 1<br>8           | 5.61          | 11.75                                   | 19 | 21.58                 | 40.40    | .21     | .49     |
| Percent who viewed at least once                  | 8                | (44.44)       | (8)                                     | 19 | (587.89)              | (11)     | .41     | .68     |
| Post viewed by each participant who registered    | 8                | 0.21          | 0.44                                    | 19 | 0.80                  | 1.50     | .21     | .49     |
| Boards viewed                                     | 8                | 1.11          | 1.68                                    | 19 | 1.53                  | 1.87     | .36     | .52     |
| Boards viewed by each participant who registered  | 1<br>8           | 0.04          | 0.06                                    | 19 | 0.06                  | 0.07     | .36     | .52     |
| Posting   | 1                |               |   |    |                       |          |         |         |
| Data Submitted                                    | 8                | 0.39          | 1.65                                    | 19 | 7.53                  | 15.09    | .01     | .10     |
| Post attempted                                    | 1<br>8           | 0.17          | 0.71                                    | 19 | 5.21                  | 11.54    | .02     | .17     |
| Percent of those who attempted at least once      | 1<br>8           | (65.56)       | (1)                                     | 19 | (42.11)               | (2)      | .02     | .02     |
| Post attempted by each participant who registered | 1<br>8           | 0.01          | 0.03                                    | 19 | 0.19                  | 0.43     | .02     | .17     |
| Post posted                                       | 1<br>8           | 0.33          | 1.41                                    | 19 | 0.26                  | 0.93     | .63     | .89     |
| Percent of those who posted at least once (ISG)   | 1<br>8<br>1      | (65.56)       | (1)                                     | 19 | (110.53)              | (2)      | 1.00    | .77     |
| Posts posted by each participant (ISG)            | 8                | 0.01          | 0.05                                    | 19 | 0.01                  | 0.03     | .63     | .89     |
| Visitation of Portal & ISG                        |                  |               |   |    |                       |          |         |         |
| Visited Portal or ISG                             | 1<br>8           | (565.56)      | (10)                                    | 19 | (798.95)              | (15)     | .13     | .13     |
| Participants who visited Portal                   | 1<br>8           | (565.56)      | (10)                                    | 19 | (743.68)              | (14)     | .25     | .26     |
| Participants who registered ISG                   | 8                | (565.56)      | (10)                                    | 19 | (587.89)              | (11)     | .89     | .80     |
|   |                  |               |   |    | ternal Recomme        |          |         |         |
|   | Neutral Card (A) |               |   | EX | ternai Recomme<br>(C) |          |         |         |
|   |                  | Mean/         | SD                                      |    | Mean/                 | SD       | 2-group |         |
|   | N                | (Percent)     | (N)                                     | N  | (Percent)             | (N)      | p-value |         |
|   |                  | ()            | \ |    | \                     | <u> </u> | F       | 1       |

| Sessions  |            |                        |         |    |                  |        |         |  |
|---|------------|------------------------|---------|----|------------------|--------|---------|--|
| Number of sessions                                | 1<br>8     | 1.33                   | 2.11    | 13 | 0.92             | 1.44   | .65     |  |
|   | 1          |                        |         |    |                  |        |         |  |
| Percent of those in sessions  Time                | 8          | 0.04                   | 0.07    | 13 | 0.03             | 0.05   | .65     |  |
| Time  | 1          |                        |         |    |                  |        |         |  |
| Total Time  | 8          | 115.44                 | 333.36  | 13 | 4.50             | 8.63   | .51     |  |
| Minutes logged (Portal)                           | 8          | 106.22                 | 324.07  | 13 | 4.08             | 8.30   | .51     |  |
| Minutes logged (ISG)                              | 8          | 9.27                   | 26.59   | 13 | 0.23             | 0.60   | .04     |  |
| Minutes per each participant                      | 8          | 0.05                   | 0.07    | 13 | 0.03             | 0.04   | .41     |  |
| Time & Sessions                                   |            |                        |         |    |                  |        |         |  |
| Minutes used per session                          | 1<br>8     | 20.86                  | 61.83   | 13 | 3.75             | 8.37   | .48     |  |
| Viewing   |            |                        |         |    |                  |        |         |  |
| Post viewed                                       | 1<br>8     | 5.61                   | 11.75   | 13 | 4.00             | 5.74   | .60     |  |
| Percent who viewed at least once                  | 1 8        | (44.44)                | (8)     | 13 | (46.15)          | (6)    | .93     |  |
|   | 1          |                        |         |    |                  |        |         |  |
| Post viewed by each participant who registered    | 8          | 0.21                   | 0.44    | 13 | 0.15             | 0.21   | .60     |  |
| Boards viewed                                     | 8          | 1.11                   | 1.68    | 13 | 0.69             | 0.85   | .76     |  |
| Boards viewed by each participant who registered  | 8          | 0.04                   | 0.06    | 13 | 0.03             | 0.03   | .76     |  |
| Posting   | 1          |                        |         |    |                  |        |         |  |
| Data Submitted                                    | 8          | 0.39                   | 1.65    | 13 | 0.54             | 1.94   | .81     |  |
| Post attempted                                    | 1<br>8     | 0.17                   | 0.71    | 13 | 0.23             | 0.83   | .81     |  |
| Percent of those who attempted at least once      | 1<br>8     | (65.56)                | (1)     | 13 | (87.69)          | (1)    | 1.00    |  |
| Post attempted by each participant who registered | 1<br>8     | 0.01                   | 0.03    | 13 | 0.01             | 0.03   | .81     |  |
| Post posted                                       | 1<br>8     | 0.33                   | 1.41    | 13 | 0.00             | 0.00   | .40     |  |
| Percent of those who posted at least once (ISG)   | 1 8        | (65.56)                | (1)     | 13 | (0.00)           | (0)    | 1.00    |  |
| Posts posted by each participant (ISG)            | 1 8        | 0.01                   | 0.05    | 13 | 0.00             | 0.00   | .40     |  |
| Portal & ISG                                      | 0          | 0.01                   | 0.03    | 13 | 0.00             | 0.00   | .40     |  |
| Visited Portal or Registered ISG                  | 1<br>8     | (55.566)               | (10)    | 13 | (46.156)         | (6)    | .61     |  |
| Participants who visited Portal                   | 1 8        | (55.566)               | (10)    | 13 | (46.156)         | (6)    | .61     |  |
| Participants who registered ISG                   | 1 8        | (55.566)               | (10)    | 13 | (46.156)         | (6)    | .61     |  |
| Tatucipants who registered 15G                    |            | (55.500)               | (10)    | 15 | (40.130)         | (0)    | .01     |  |
|   | <u>E</u> : | xternal Recomme<br>(C) | ndation |    | nternal -Brochur | e (B)  |         |  |
|   |            | Mean/                  | SD      | 1  | Mean/            | SD     | 2-group |  |
|   | N          | (Percent)              | (N)     | N  | (Percent)        | (N)    | p-value |  |
| Sessions  | 1          |                        |         |    |                  |        |         |  |
| Number of sessions                                | 3          | 0.92                   | 1.44    | 19 | 2.95             | 5.92   | .15     |  |
| Percent of those in sessions                      | 1<br>3     | 0.03                   | 0.05    | 19 | 0.10             | 0.19   | .15     |  |
| Time  |            |                        |         |    |                  |        |         |  |
| Total Time  | 1<br>3     | 4.50                   | 8.63    | 19 | 74.68            | 228.13 | .08     |  |
| Minutes logged (Portal)                           | 3          | 4.08                   | 8.30    | 19 | 56.21            | 175.66 | .09     |  |

| Mr. ( ) (1/100)                                   | 1   | 0.22     | 0.60 | 10 | 10.47    | 52.24 | 00   |  |
|---|-----|----------|------|----|----------|-------|------|--|
| Minutes logged (ISG)                              | 3   | 0.23     | 0.60 | 19 | 18.47    | 53.24 | .08  |  |
| Minutes per each participant                      | 3   | 0.03     | 0.04 | 19 | 0.07     | 0.07  | .054 |  |
| Time & Sessions                                   |     |          |      |    |          |       |      |  |
|   | 1   |          |      |    |          |       |      |  |
| Minutes used per session                          | 3   | 3.75     | 8.37 | 19 | 7.61     | 11.82 | .11  |  |
| Viewing   |     |          |      |    |          |       |      |  |
| Post viewed                                       | 1 3 | 4.00     | 5.74 | 19 | 21.58    | 40.40 | .50  |  |
| r ost vieweu                                      | 1   | 4.00     | 3./4 | 13 | 21.30    | 40.40 | .50  |  |
| Percent who viewed at least once                  | 3   | (46.156) | (6)  | 19 | (57.898) | (11)  | .51  |  |
|   | 1   | 0.45     | 0.04 |    | 0.00     | 4.50  |      |  |
| Post viewed by each participant who registered    | 3   | 0.15     | 0.21 | 19 | 0.80     | 1.50  | .50  |  |
| Boards viewed                                     | 3   | 0.69     | 0.85 | 19 | 1.53     | 1.87  | .27  |  |
|   | 1   |          |      |    |          |       |      |  |
| Boards viewed by each participant who registered  | 3   | 0.03     | 0.03 | 19 | 0.06     | 0.07  | .27  |  |
| Posting   |     |          |      |    |          |       |      |  |
| Data Submitted                                    | 1 3 | 0.54     | 1.94 | 19 | 7.53     | 15.09 | .03  |  |
| Data Submitted                                    | 1   | 0.34     | 1.34 | 13 | 7.33     | 13.03 | .03  |  |
| Post attempted                                    | 3   | 0.23     | 0.83 | 19 | 5.21     | 11.54 | .052 |  |
|   | 1   |          |      |    |          |       |      |  |
| Percent of those who attempted at least once      | 3   | (7.698)  | (1)  | 19 | (42.118) | (2)   | .050 |  |
| Post attempted by each participant who registered | 3   | 0.01     | 0.03 | 19 | 0.19     | 0.43  | .052 |  |
|   | 1   |          |      |    |          |       |      |  |
| Post posted                                       | 3   | 0.00     | 0.00 | 19 | 0.26     | 0.93  | .23  |  |
| Percent of those who posted at least once         | 1 3 | (0.001)  | (0)  | 19 | (10.531) | (2)   | .50  |  |
| 1 ereent of those who posted at least office      | 1   | (0.001)  | (0)  | 13 | (10.551) | (2)   | .50  |  |
| Posts posted by each participant who registered   | 3   | 0.00     | 0.00 | 19 | 0.01     | 0.03  | .23  |  |
| Portal & ISG                                      |     |          |      |    |          |       |      |  |
|   | 1   |          |      |    |          |       |      |  |
| Visited Portal or Registered ISG                  | 3   | (46.151) | (6)  | 19 | (78.959) | (15)  | .055 |  |
| Participants who visited Portal                   | 3   | (46.151) | (6)  | 18 | (73.684) | (14)  | .11  |  |
|   | 1   | ,        |      |    | , ,      | , ,   |      |  |
| Participants who registered ISG                   | 3   | (46.151) | (6)  | 19 | (57.898) | (11)  | .51  |  |

**Table 2.** Predictors of Time on Site

|            |    |           |          | Model 1   |          | Model 2 |      |    |         |
|------------|----|-----------|----------|-----------|----------|---------|------|----|---------|
| Predictor  |    | Mean/     |          |           |          |         |      |    |         |
| <u>s</u>   | N  | (Percent) | SD       | Beta      | SE       | P-value | Beta | SE | P-value |
| Mood       |    |           |          |           |          |         |      |    |         |
| Baseline   |    |           |          |           |          |         |      |    |         |
| PHQ-9      | 48 | 13.07     | 4.44     | -0.01     | 0.07     | .92     |      |    |         |
| Baseline   |    |           |          |           |          |         |      |    |         |
| CESD 10    | 43 | 9.19      | 4.64     | 0.05      | 0.06     | .40     |      |    |         |
| Demogra    |    |           |          |           |          |         |      |    |         |
| phics      |    |           |          |           |          |         |      |    |         |
| Age        | 48 | 36.44     | 15.98    | 0.01      | 0.02     | .65     |      |    |         |
| Male       | 48 | (31.25)   | (15)     | 0.22      | 0.63     | .73     |      |    |         |
| College    |    |           |          |           |          |         |      |    |         |
| Graduates* | 48 | (41.672)  | (40)     | 0.34      | 0.59     | .58     |      |    |         |
| Income     | 33 | 45407.70  | 59496.98 | -1.11E-06 | 6.69E-06 | .87     |      |    |         |
| Social     |    |           |          |           |          |         |      |    |         |
| factors    |    |           |          |           |          |         |      |    |         |

| т 1:   | 24   | 1.10               | 0.07              | 0.20     | 0.00  | ,    | 27    |      |      |       |      |     |
|--|--|--------------------|-------------------|----------|-------|------|-------|------|------|-------|------|-----|
| Loneliness<br>Self-  | 34   | 1.18               | 0.97              | -0.30    | 0.33  | 3    | .37   |      |      |       |      |     |
| efficacy   |  |                    |                   |          |       |      |       |      |      |       |      |     |
| scale  | 45   | 0.44               | 0.87              | 0.49     | 0.35  | 5    | .17   |      |      |       |      |     |
| Attitudes t  | oward Inter  | net includin       | g Self-Determi    | nation T | heory | ·    |       | •    | '    |       |      |     |
| Autonomy   |  |                    | ,                 |          |       |      |       |      |      |       |      |     |
|  |  | while I am explo   | ring concerns on  |          |       |      |       |      |      |       |      |     |
| the Internet   |  |                    |                   | 47       | 3.85  | 1.23 | 0.03  | 0.24 | .89  |       |      |     |
|  | that I am in con   | trol of my experi  | ence on the       |          |       |      |       |      |      |       |      |     |
| internet   |  |                    |                   | 46       | 4.28  | 0.78 | 0.60  | 0.39 | .13  |       |      |     |
| Connection   |  |                    |                   |          |       |      |       |      |      |       |      |     |
|  |  | my experiences     |                   | 47       | 3.53  | 1.08 | 0.31  | 0.27 | .25  |       |      |     |
| Help others by   | sharing my exp   | periences on the   | Internet          | 48       | 3.63  | 1.14 | 0.16  | 0.26 | .54  |       |      |     |
| Competence   | e Seeking  |                    |                   |          |       |      |       |      |      |       |      |     |
| Learn about d  | epression treatm   | ent on the Intern  | et                | 48       | 3.94  | 0.78 | -0.32 | 0.38 | .41  |       |      |     |
| Able to learn a  | about the experie  | ences of others o  | n the Internet    | 48       | 4.06  | 0.91 | -0.18 | 0.32 | .58  |       |      |     |
| Helpful to lear  | n about the exp  | eriences of other  | s on the Internet | 47       | 3.62  | 1.17 | 0.11  | 0.26 | .67  |       |      |     |
|  | r adverse exp  |                    |                   |          |       |      |       |      |      |       |      |     |
|  |  | nents about depr   | ession on the     |          |       |      |       |      |      |       |      |     |
| internet   |  |                    |                   | 47       | 3.21  | 1.25 | -0.16 | 0.24 | .51  |       |      |     |
|  | oubling comme  | nts about depres   | sion on the       | ,,       | 0.05  |      | 0.50  | 0.05 | 00   | 0.00  | 0.00 | 40  |
| internet   | 11-1   | -1                 |                   | 48       | 3.67  | 1.12 | -0.58 | 0.25 | .03  | -0.62 | 0.28 | .03 |
|  | health mod   |                    |                   |          |       |      |       |      |      |       |      |     |
|  | ıt interventio   |                    |                   |          |       |      |       |      |      |       |      |     |
| Participating i<br>important thin  |  | nternet social suj | pport site is an  | 46       | 2.50  | 1.00 | 0.50  | 0.20 | 0.40 | 0.27  | 0.22 | 40  |
|  | g to do<br>Internet social st  | conce to me        | 46                | 3.59     | 1.02  |      | 0.29  | .049 | 0.27 | 0.32  | .40  |     |
|  |  | s sense to me      | 46                | 3.83     | 1.06  |      | 0.29  | .57  |      |       |      |     |
| Depression can be treated successfully Going through a depression internet social support site will help |  |                    |                   | 46       | 4.15  | 0.87 | -0.07 | 0.35 | .85  |       |      |     |
| Going through a depression internet social support site will help me deal with stress or depression      |  |                    | 46                | 3.50     | 0.98  | 0.38 | 0.31  | .22  |      |       |      |     |
|  | ward interve   |                    |                   | 10       | 3.30  | 0.50 | 0.50  | 0.51 | .22  |       |      |     |
|  |  | nternet social sup | port site         |          |       |      |       |      |      |       |      |     |
| outweigh any   | difficulty   |                    |                   | 46       | 3.48  | 0.86 | 0.66  | 0.34 | .06  |       |      |     |
|  | nternet social su  | ipport site could  | help me deal with |          |       |      |       |      |      |       |      |     |
| depression   |  |                    |                   | 46       | 3.67  | 1.06 | 0.25  | 0.29 | .39  |       |      |     |
| Help myself o<br>Internet site   | vercome depres   | sion by visiting a | social support    | 46       | 3.37  | 1.08 | 0.39  | 0.28 | .17  |       |      |     |
|  | a depression In  | iternet social sup | port site is too  | 40       | 3.3/  | 1.00 | 0.55  | 0.20 | .17  |       |      |     |
| much trouble   | r a depression in  | iternet social sup | port site is too  | 46       | 2.26  | 0.80 | -0.37 | 0.38 | .34  |       |      |     |
|  | nternet social su  | ipport site would  | be emotionally    |          |       |      |       |      |      |       |      |     |
| painful  |  |                    |                   | 46       | 2.17  | 0.88 | -0.23 | 0.35 | .51  |       |      |     |
|  | pression internet  | social support s   | ite would be      | 45       | 2.04  | 0.95 | 0.05  | 0.33 | .87  |       |      |     |
| embarrassing I would be bet  | ter off if I didn't  | go to this depre   | ssion Internet    | 45       | 2.04  | 0.95 | 0.05  | 0.55 | .0/  |       |      |     |
| support site   | 0 11 1 (11(11))  | . 00 to uno acpre  |                   | 46       | 2.04  | 0.84 | -0.36 | 0.36 | .32  |       |      |     |
| Social norm  | ıs   |                    |                   |          |       |      |       |      |      |       |      |     |
|  | nds support me g   | going to depressi  | on social support |          |       |      |       |      |      |       |      |     |
| Internet site  |  |                    |                   | 45       | 2.78  | 1.13 |       | 0.27 | .55  |       |      |     |
|  |  | ends think I shou  |                   | 45       | 2.82  | 0.98 | 0.24  | 0.31 | .45  |       |      |     |
|  | , ,,   | s me going to a o  | lepression        | 45       | 2.71  | 1.35 | 0.30  | 0.34 | 22   |       |      |     |
| Internet social  |  | s of my immodia    | te family think I | 45       | 2.71  | 1.25 | 0.30  | 0.24 | .23  |       |      |     |
| should do  | nat the member   | s or my milliedla  | ие тапшу ишік і   | 43       | 2.98  | 1.03 | 0.54  | 0.30 | .08  |       |      |     |
|  | lould do<br>hysicians and other health care professionals want me to go to     |                    | want me to go to  | "        |       | 1.00 | 3.31  | 0.00 |      |       |      |     |
| an Internet int  | Internet intervention site   |                    | 45                | 3.02     | 1.20  | 0.47 | 0.25  | .07  |      |       |      |     |
|  | want to do what the physicians and other health care ofessionals want me to do |                    | ,-                | 0.40     | 0.00  | 0.00 | 0.00  | 00   | 0.4- | 0.00  | 22   |     |
|  | ofessionals want me to do<br>elf-efficacy                                      |                    | 45                | 3.40     | 0.91  | 0.80 | 0.32  | .02  | 0.45 | 0.36  | .23  |     |
|  | elf-efficacy isiting this depression Internet social support site is an easy   |                    |                   |          |       |      |       |      |      |       |      |     |
| thing to do  |  |                    |                   | 46       | 3.89  | 0.97 | 0.62  | 0.30 | .047 | 0.43  | 0.29 | .16 |
|  | Arranging my schedule to visit depression internet social                      |                    |                   | 1.5      | 5.05  | 3.37 | 0.02  | 0.50 | ,    | 0.40  | 0.23 | .10 |
|  | support site would be an easy thing for me to do                               |                    |                   | 46       | 4.00  | 0.79 | 0.35  | 0.38 | .37  |       |      |     |
|  |  | l of Change/       |                   |          |       |      |       |      |      |       |      |     |
| Importance   |  |                    |                   | 48       | 7.38  | 2.83 | 0.14  | 0.10 | .17  |       |      |     |
|  |  |                    |                   | 1        |       |      |       |      |      |       |      |     |

| Ability  | 48 | 6.81 | 2.73 | -0.11 | 0.11 | .32 |  |  |
|--|----|------|------|-------|------|-----|--|--|
| Readiness  | 48 | 7.81 | 2.73 | 0.04  | 0.11 | .72 |  |  |
| Participation in decision making                         |    |      |      |       |      |     |  |  |
| Talk to my providers to include my treatment preferences | 17 | 4.12 | 0.99 | 0.24  | 0.47 | .61 |  |  |

**Table 3.** Predictors of Posts Viewed

|   |             |                  |              | Model 1  |          |       | Model 2 |    |         |
|---|-------------|------------------|--------------|----------|----------|-------|---------|----|---------|
|   |             | Mean/            |              |          |          | P-    |         |    |         |
| <u>Predictors</u>   | N           | (Percent)        | SD           | Beta     | SE       | value | Beta    | SE | P-value |
| Mood  |             |                  |              |          |          |       |         |    |         |
| Baseline PHQ-9  | 48          | 13.07            | 4.44         | 0.06     | 0.08     | .48   |         |    |         |
| Baseline CESD   | 43          | 9.19             | 4.64         | 0.19     | 0.14     | .17   |         |    |         |
| Demographics  |             |                  |              |          |          |       |         |    |         |
| Age   | 48          | 36.44            | 15.98        | 0.01     | 0.02     | .67   |         |    |         |
| Male  | 48          | -31.25           | -15          | 0.97     | 0.75     | .20   |         |    |         |
| College Graduates   | 48          | -41.67           | -40          | 0.78     | 0.71     | .27   |         |    |         |
| Income  | 33          | 45407.7          | 59496.9<br>8 | -8.76e   | 6.00E+00 | 6.00  |         |    |         |
|   | 33          | 43407.7          | 0            | -0.708   | 0.00E+00 | 0.00  |         |    |         |
| Social factors  |             |                  |              |          |          |       |         |    |         |
| Loneliness  | 34          | 1.18             | 0.97         | 0.2      | 0.34     | .55   |         |    |         |
| Self-efficacy scale   | 45          | 0.44             | 0.87         | 0.63     | 0.37     | .09   |         |    |         |
| Attitudes toward Internet includi   | ng Self-Det | termination Theo | ry           |          |          |       |         |    |         |
| Autonomy seeking  |             |                  |              |          |          |       |         |    |         |
| My identity to be anonymous while I am exploring concerns on the Internet | 47          | 3.85             | 1.23         | 0.62     | 0.48     | .20   |         |    |         |
| I like the idea that I am in control of my experience on the internet     | 46          | 4.28             | 0.78         | -0.25    | 0.8      | .76   |         |    |         |
| Connection seeking  |             |                  |              |          |          |       |         |    |         |
| Able to help others by sharing my experiences on the Internet             | 47          | 3.53             | 1.08         | 0.04     | 0.42     | .93   |         |    |         |
| Help others by sharing my experiences on the Internet                     | 48          | 3.63             | 1.14         | -0.01    | 0.29     | .96   |         |    |         |
| Competence Seeking  |             |                  |              |          |          |       |         |    |         |
| Learn about depression treatment on the Internet                          | 48          | 3.94             | 0.78         | -0.43    | 0.41     | .29   |         |    |         |
| Able to learn about the experiences of others on the Internet             | 48          | 4.06             | 0.91         | -0.15    | 0.45     | .73   |         |    |         |
| Helpful to learn about the  |             | 4.00             | 0.51         | 0.15     | 0.45     | .,,   |         |    |         |
| experiences of others on the  |             |                  |              |          |          |       |         |    |         |
| Internet  | 47          | 3.62             | 1.17         | 0.01     | 0.29     | .98   |         |    |         |
| Concern for adverse experiences   |             |                  |              |          |          |       |         |    |         |
| Upset if I read troubling comments about depression on the internet       | 47          | 3.21             | 1.25         | 9.67E-04 | 0.39     | 1.00  |         |    |         |
| I might read troubling comments about depression on the internet          | 48          | 3.67             | 1.12         | -0.18    | 0.43     | .67   |         |    |         |

| Preventive Health Model                              |     |                                       |      |       |      |     |      |      |     |
|--|-----|---------------------------------------|------|-------|------|-----|------|------|-----|
| Beliefs about intervention                           |     |                                       |      |       |      |     |      |      |     |
| Participating in a depression                        |     |                                       |      |       |      |     |      |      |     |
| Internet social support site is an                   |     |                                       |      |       |      |     |      |      |     |
| important thing to do                                | 46  | 3.59                                  | 1.02 | 0.58  | 0.49 | .24 |      |      |     |
| A depression internet social                         |     |                                       |      |       |      |     |      |      |     |
| support site makes sense to me                       | 46  | 3.83                                  | 1.06 | -0.03 | 0.4  | .94 |      |      |     |
| Depression can be treated                            |     |                                       |      |       |      |     |      |      |     |
| successfully   | 46  | 4.15                                  | 0.87 | -0.24 | 0.64 | .71 |      |      |     |
| Going through a depression                           |     |                                       |      |       |      |     |      |      |     |
| internet social support site will                    |     |                                       |      |       |      |     |      |      |     |
| help me deal with stress or depression               | 46  | 3.5                                   | 0.98 | 0.12  | 0.47 | .81 |      |      |     |
| •  | 40  | 3.3                                   | 0.96 | 0.12  | 0.47 | .01 |      |      |     |
| Attitudes toward intervention                        |     |                                       |      |       |      |     |      |      |     |
| The benefits of a depression                         |     |                                       |      |       |      |     |      |      |     |
| internet social support site                         | 4.0 | 2.40                                  | 0.00 | 0.04  | 0.20 | 00  |      |      |     |
| outweigh any difficulty A depression internet social | 46  | 3.48                                  | 0.86 | 0.04  | 0.39 | .92 |      |      |     |
| support site could help me deal                      |     |                                       |      |       |      |     |      |      |     |
| with depression                                      | 46  | 3.67                                  | 1.06 | -0.39 | 0.5  | .44 |      |      |     |
| Help myself overcome depression                      |     | 3,07                                  | 1,00 | 0.33  | 0.5  |     |      |      |     |
| by visiting a social support                         |     |                                       |      |       |      |     |      |      |     |
| Internet site  | 46  | 3.37                                  | 1.08 | 0.09  | 0.46 | .84 |      |      |     |
| Going through a depression                           |     |                                       |      |       |      |     |      |      |     |
| Internet social support site is too                  |     |                                       |      |       |      |     |      |      |     |
| much trouble   | 46  | 2.26                                  | 0.8  | 0.37  | 0.43 | .40 |      |      |     |
| A depression internet social                         |     |                                       |      |       |      |     |      |      |     |
| support site would be emotionally                    | 46  | 2.17                                  | 0.88 | -0.17 | 0.38 | .65 |      |      |     |
| painful Going to a depression internet               | 40  | 2.17                                  | 0.00 | -0.17 | 0.30 | .05 |      |      |     |
| social support site would be                         |     |                                       |      |       |      |     |      |      |     |
| embarrassing   | 45  | 2.04                                  | 0.95 | 0.56  | 0.37 | .13 |      |      |     |
| I would be better off if I didn't go                 |     | · · · · · · · · · · · · · · · · · · · |      |       |      |     |      |      |     |
| to this depression Internet support                  |     |                                       |      |       |      |     |      |      |     |
| site   | 46  | 2.04                                  | 0.84 | 0.31  | 0.66 | .64 |      |      |     |
| Social norms   |     |                                       |      |       |      |     |      |      |     |
| My close friends support me                          |     |                                       |      |       |      |     |      |      |     |
| going to depression social                           |     |                                       |      |       |      |     |      |      |     |
| support Internet site                                | 45  | 2.78                                  | 1.13 | 0.85  | 0.4  | .03 | 0.13 | 0.55 | .81 |
| I want to do what my close                           |     |                                       |      |       |      |     |      |      |     |
| friends think I should do                            | 45  | 2.82                                  | 0.98 | 0.93  | 0.53 | .08 |      |      |     |
| My immediate family supports                         |     |                                       |      |       |      |     |      |      |     |
| me going to a depression Internet                    |     |                                       |      |       |      |     |      |      |     |
| social support site                                  | 45  | 2.71                                  | 1.25 | 0.51  | 0.34 | .13 |      |      |     |
| I want to do what the members of                     |     |                                       |      |       |      |     |      |      |     |
| my immediate family think I should do                | 42  | 2.00                                  | 1.02 | 0.3   | 0.46 | F 2 |      |      |     |
|  | 43  | 2.98                                  | 1.03 | 0.3   | 0.46 | .52 |      |      |     |
| Physicians and other health care                     |     |                                       |      |       |      |     |      |      |     |
| professionals want me to go to an                    |     |                                       |      |       |      |     |      |      |     |
| Internet intervention site                           | 45  | 3.02                                  | 1.2  | 0.88  | 0.33 | .01 | 0.79 | 0.49 | .11 |
| I want to do what the physicians                     |     |                                       |      |       |      |     |      |      |     |
| and other health care                                | 45  | 2.4                                   | 0.91 | 0.65  | 0.49 | 10  |      |      |     |
| professionals want me to do                          | 45  | 3.4                                   | 0.91 | 0.05  | 0.49 | .19 | -    | -    |     |
| Self-efficacy  |     |                                       |      |       |      |     |      |      |     |
| Visiting this depression Internet                    |     |                                       |      |       |      |     |      |      |     |
| social support site is an easy                       | 16  | 2 00                                  | 0.07 | 0.71  | 0.57 | 21  |      |      |     |
| thing to do  | 46  | 3.89                                  | 0.97 | 0.71  | 0.57 | .21 |      |      |     |

| 46 | 4              | 0.79                          | 0.15   | 0.66   | .82   |   |   |   |
|----|----------------|-------------------------------|--|--|---|---|---|---|
|    |                |                               |  |  |   |   |   |   |
| 48 | 7.38           | 2.83                          | 0.16   | 0.13   | .22   |   |   |   |
| 48 | 6.81           | 2.73                          | 0.06   | 0.15   | .68   |   |   |   |
| 48 | 7.81           | 2.73                          | 0.1  | 0.13   | .43   |   |   |   |
|    |                |                               |  |  |   |   |   |   |
| 17 | 4.12           | 0.99                          | 0.54   | 0.7  | .44   |   |   |   |
|    | 48<br>48<br>48 | 48 7.38<br>48 6.81<br>48 7.81 | 48 7.38 2.83<br>48 6.81 2.73<br>48 7.81 2.73 | 48 7.38 2.83 0.16<br>48 6.81 2.73 0.06<br>48 7.81 2.73 0.1 | 48     7.38     2.83     0.16     0.13       48     6.81     2.73     0.06     0.15       48     7.81     2.73     0.1     0.13 | 48     7.38     2.83     0.16     0.13     .22       48     6.81     2.73     0.06     0.15     .68       48     7.81     2.73     0.1     0.13     .43 | 48     7.38     2.83     0.16     0.13     .22       48     6.81     2.73     0.06     0.15     .68       48     7.81     2.73     0.1     0.13     .43 | 48     7.38     2.83     0.16     0.13     .22       48     6.81     2.73     0.06     0.15     .68       48     7.81     2.73     0.1     0.13     .43 |

 Table 4. Predictors of Posts Attempted

|   |            |                    |          | Model 1   |          |             |      | Mod  | <u>el 2</u> |
|---|------------|--------------------|----------|-----------|----------|-------------|------|------|-------------|
| <u>Predictors</u>   | N          | Mean/<br>(Percent) | SD       | Beta      | SE       | P-<br>value | Beta | SE   | P-value     |
| Mood  |            |                    |          |           |          |             |      |      |             |
| Baseline PHQ-9  | 48         | 13.07              | 4.44     | 0.32      | 0.26     | .22         |      |      |             |
| Baseline CESD 10  | 43         | 9.19               | 4.64     | 0.28      | 0.15     | .06         |      |      |             |
| Demographics  |            |                    |          |           |          |             |      |      |             |
| Age   | 48         | 36.44              | 15.98    | 0.04      | 0.04     | .33         |      |      |             |
| Male  | 48         | -31.25             | -15      | 1.46      | 1.29     | .26         |      |      |             |
| College Graduates   | 48         | -41.67             | -40      | -0.58     | 1.23     | .64         |      |      |             |
| Income  | 33         | 45407.7            | 59496.98 | -2.28E-05 | 3.58E-05 | .52         |      |      |             |
| Social factors  |            |                    |          |           |          |             |      |      |             |
| Loneliness  | 34         | 1.18               | 0.97     | -0.77     | 0.68     | .26         |      |      |             |
| Self-efficacy scale   | 45         | 0.44               | 0.87     | 1.56      | 0.76     | .04         | 1.5  | 0.77 | .05         |
| Attitudes toward Internet including                                       | ng Self-De | termination The    | eory     |           |          |             |      |      |             |
| Autonomy seeking  |            |                    |          |           |          |             |      |      |             |
| My identity to be anonymous while I am exploring concerns on the Internet | 47         | 3.85               | 1.23     | 0.13      | 0.74     | .86         |      |      |             |
| I like the idea that I am in control of my experience on the internet     | 46         | 4.28               | 0.78     | -0.41     | 1.33     | .76         |      |      |             |
| Connection seeking  |            |                    |          |           |          |             |      |      |             |
| Able to help others by sharing my experiences on the Internet             | 47         | 3.53               | 1.08     | 2.05      | 1.07     | .06         |      |      |             |
| Help others by sharing my experiences on the Internet                     | 48         | 3.63               | 1.14     | 0.45      | 0.55     | .42         |      |      |             |
| Competence Seeking  |            |                    |          |           |          |             |      |      |             |
| Learn about depression treatment on the Internet                          | 48         | 3.94               | 0.78     | -0.23     | 0.68     | .74         |      |      |             |
| Able to learn about the experiences of others on the Internet             | 48         | 4.06               | 0.91     | 0.75      | 1.05     | .47         |      |      |             |

| Helpful to learn about the experiences of others on the Internet  | 47 | 3.62 | 1.17 | 0.65      | 0.58 | .26  |      |      |     |
|---|----|------|------|-----------|------|------|------|------|-----|
| Concern for adverse experiences   |    |      |      |           |      |      |      |      |     |
| Upset if I read troubling comments about depression on the internet   | 47 | 3.21 | 1.25 | -0.56     | 0.53 | .29  |      |      |     |
| I might read troubling comments about depression on the internet  | 48 | 3.67 | 1.12 | -0.41     | 0.69 | .56  |      |      |     |
| Preventive Health Model   |    |      |      |           |      |      |      |      |     |
| Beliefs about intervention  |    |      |      |           |      |      |      |      |     |
| Participating in a depression Internet social support site is an important thing to do                        | 46 | 3.59 | 1.02 | 0.22      | 0.59 | .71  |      |      |     |
| A depression internet social support site makes sense to me   | 46 | 3.83 | 1.06 | 0.17      | 0.53 | .75  |      |      |     |
| Depression can be treated successfully  | 46 | 4.15 | 0.87 | -1.48     | 1.29 | .25  |      |      |     |
| Going through a depression internet social<br>support site will help me deal with stress or<br>depression     | 46 | 3.5  | 0.98 | 1.04      | 1.05 | .32  |      |      |     |
| Attitudes toward intervention   |    |      |      |           |      |      |      |      |     |
| The benefits of a depression internet social  |    |      |      |           |      |      |      |      |     |
| support site outweigh any difficulty  A depression internet social support site                               | 46 | 3.48 | 0.86 | 0.33      | 0.71 | .64  |      |      |     |
| could help me deal with depression  | 46 | 3.67 | 1.06 | -0.12     | 0.74 | .87  |      |      |     |
| Help myself overcome depression by visiting a social support Internet site                                    | 46 | 3.37 | 1.08 | 0.17      | 0.73 | .81  |      |      |     |
| Going through a depression Internet social support site is too much trouble                                   | 46 | 2.26 | 0.8  | 0.6       | 0.89 | .50  |      |      |     |
| A depression internet social support site would be emotionally painful  | 46 | 2.17 | 0.88 | -0.45     | 0.62 | .47  |      |      |     |
| Going to a depression internet social support site would be embarrassing                                      | 45 | 2.04 | 0.95 | 0.44      | 0.53 | .41  |      |      |     |
| I would be better off if I didn't go to this<br>depression Internet support site                              | 46 | 2.04 | 0.84 | -0.57     | 0.84 | .50  |      |      |     |
| Social norms  |    |      |      |           |      |      |      |      |     |
| My close friends support me going to depression social support Internet site                                  | 45 | 2.78 | 1.13 | 2.04      | 1.07 | .06  |      |      |     |
| I want to do what my close friends think I should do  | 45 | 2.82 | 0.98 | -0.25     | 1.09 | .82  |      |      |     |
| My immediate family supports me going to a depression Internet social support site                            | 45 | 2.71 | 1.25 | 1.58      | 0.75 | .04  | 1.07 | 0.57 | .06 |
| I want to do what the members of my<br>immediate family think I should do<br>Physicians and other health care | 43 | 2.98 | 1.03 | 0.25      | 1.08 | .81  |      |      |     |
| professionals want me to go to an Internet intervention site  | 45 | 3.02 | 1.2  | 0.81      | 0.41 | .046 | 0.23 | 0.43 | .60 |
| I want to do what the physicians and other health care professionals want me to do                            | 45 | 3.4  | 0.91 | 1.28      | 0.67 | .06  |      |      |     |
| Self-efficacy   |    |      |      |           |      |      |      |      |     |
| Visiting this depression Internet social support site is an easy thing to do                                  | 46 | 3.89 | 0.97 | -0.02     | 1.02 | .99  |      |      |     |
| Arranging my schedule to visit depression internet social support site would be an                            |    | _    | 6    |           |      |      |      |      |     |
| easy thing for me to do <b>Transtheoretical Model of</b>  | 46 | 4    | 0.79 | -9.34E-15 | 1.59 | 1.00 |      |      |     |
| Change/MI   |    |      |      |           |      |      |      |      |     |

| Importance   | 48 | 7.38 | 2.83 | 0.48 | 0.36 | .18 |  |  |
|--|----|------|------|------|------|-----|--|--|
| Ability  | 48 | 6.81 | 2.73 | 0.11 | 0.2  | .57 |  |  |
| Readiness  | 48 | 7.81 | 2.73 | 0.65 | 0.36 | .07 |  |  |
| Participation in decision making                         |    |      |      |      |      |     |  |  |
| Talk to my providers to include my treatment preferences | 17 | 4.12 | 0.99 | 0.94 | 1.81 | .60 |  |  |